

METHODOLOGY FOR GENERATING
ACCESSING FUNCTIONS FOR PROGRAMMED EXECUTION
OF PANEL-DRIVEN BUSINESS APPLICATIONS

Abstract of the Disclosure

5 A method of providing access to Business Applications (BA)
executed on a data processing system wherein said BAs offer their
services interactively controlled by a multitude of BA panels and
wherein said BAs may display succeeding BA panels dependent on
user interactions, user specified data and the contents of any
10 kind of data base the BA is operating on. This inventive method
consists in two major steps. In a first step the individual
panels, the sequence of the panels as they are displayed by the
BA and the activities required to launch a BA to display a
succeeding panel are described. This step results in a directed
15 graph modelling the spectrum of panel interactions with a BA,
called a User Interaction Graph (UIG). By analyzing the UIG the
proposed method then generates in a second step procedures,
called Transaction Methods (TM). When called, the TM procedures
are capable of autonomously executing and controlling the BAs by
20 handling a sequence of BA panels. Based on input parameters
passed over to the TMs they autonomously fill the various BA
panels with the correct input information, initiate the required
activities for traversing through a certain panel sequence and
return the output information gathered during its execution.